

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Brian Ballard

GENERAL INFORMATION:

Name:	Kentucky Department of Military Affairs, Boone National Guard Center
Address:	Boone National Guard Center, Department for Facilities Management, Frankfort, KY 40601
Date application received:	6/28/2001, 6/26/2002, 7/21/2005
SIC/Source description:	9711, National Security
Source ID #:	21-073-00054
Source A.I. #:	1423
Activity #:	APE20040002
Permit number:	F-05-030

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	0.85	11.43	N/A
SO ₂	0.71	0.73	N/A
NO _x	11.87	16.75	N/A
CO	2.81	6.91	N/A
VOC	4.34	149.37	12.0
Hexamethylene Diisocyanate (CAS No. 822-06-0)	0.00122	0.1752	0.0272
Methyl Ethyl Ketone (CAS No. 78-93-3)	0.59	44.67	3.0
Xylenes (CAS No. 1330-20-7)	0.15	15.21	3.0
Source wide HAPs	1.29	68.17	4.0

SOURCE DESCRIPTION:

See Statement of Basis

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The facility will be subject to emission caps of twelve (12) tons per year for VOC, three (3) tons per year for single hazardous air pollutant (HAP) and four (4) tons per year for combined HAPS. These emission caps will preclude the applicability of the following regulation: 401 KAR 59:225, New miscellaneous metal parts and product surface coating operations. Also, the maximum application rate of coating shall not exceed 8.43 gallons per hour so as to be in compliance with 401 KAR 59:010, New process operations, section 3(2). The emergency generators shall not operate more than 500 hours per year each. The emissions of hexamethylene diisocyanate (CAS No. 822-06-0) shall not exceed 0.0272 tons per year for the purpose of compliance with 401 KAR 63:020, Potentially hazardous matter or toxic substances.